

RECORD



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or copy thereof.

*MWP*  
*3.1.00*

TO THE ASSISTANT COMMISSIONER FOR PATENT.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Bo-Wen Wang
- 2. Shang-Li Chen

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

2. Name and address of receiving party(ies):

Name: Industrial Technology Research Institute  
Internal Address: No. 195, Sec. 4, Chung Hsing Road  
Street Address: No. 195, Sec. 4, Chung Hsing Road  
City: Chutung Town, Hsinchu Hsien State: Taiwan, ROC

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment
- ( ) Merger
- ( ) Security Agreement
- ( ) Change of Name
- ( ) Other:

*09/15/03*

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) February 18, 2000 *2 February 18, 2000*

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith  
Execution Date(s): February 18, 2000

( ) Patent Application No.:  
Filing Date:

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daniel E. Altman  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995  
Internal Address: Sixteenth Floor  
Street Address: 620 Newport Center Drive  
City: Newport Beach State: CA ZIP: 92660  
Attorney's Docket No.: TSAI12.001AUS

7. Total fee (37 CFR 3.41): \$40

(X) Enclosed  
( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: One

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Daniel E. Altman  
Name of Person Signing

*Daniel Altman*  
Signature

1 March 2000  
Date

34,115  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

10542 U.S. PTO  
09/15/03  
03/01/00

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_  
SCAN DRIVER OF LCD WITH A FAULT DETECTION AND CORRECTION  
FUNCTION

The PATENT RIGHTS referred to in this agreement are:

(check one)  a patent application for this invention, executed by the ASSIGNOR(S)  
 concurrently with this assignment.

U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

a U.S. patent application based on PCT International Application  
 No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application  
 Serial No. \_\_\_\_\_, if known).

U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of  
 the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one)  U.S. patent rights only.

Worldwide patent rights. In this case, the assignee shall have the right to  
 claim the benefit of the filing date of any U.S. or foreign patent application  
 for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
 appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

(Address) NO.195, SEC.4, CHUNG HSING RD., CHUTUNG TOWN, HSINCHU HSIEN,  
TAIWAN, R.O.C.

The ASSIGNEE is:

(check one)  An individual.

A Partnership.

A Corporation of TAIWAN, R.O.C. (specify state or country)

(other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and  
 valuable consideration, receipt of which is acknowledged, hereby assign(s) the following  
 rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable  
 provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO  
ASSIGNEE: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  
INVENTION TITLE: SCAN DRIVER OF LCD WITH FAULT DETECTION AND  
AND CORRECTION FUNCTION

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Bo-Wen WANG</u>	<u>Bo-wen Wang</u>	<u>Feb. 18th. 2000</u>
Name of sole or first inventor	Signature	Date
<u>Shang-Li CHEN</u>	<u>Shang-Li Chen</u>	<u>Feb. 18th. 2000</u>
Name of second inventor, if any	Signature	Date
_____	_____	_____
Name of third inventor, if any	Signature	Date
_____	_____	_____
Name of fourth inventor, if any	Signature	Date
_____	_____	_____
Name of fifth inventor, if any	Signature	Date
_____	_____	_____
Name of sixth inventor, if any	Signature	Date
_____	_____	_____
Name of seventh inventor, if any	Signature	Date
_____	_____	_____
Name of eighth inventor, if any	Signature	Date